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ABSTRACT OF THE DISCLOSURE

An apparatus and method of generating downlink power information for a multi-sector base transceiver site in which power can be shared between existing amplifiers includes a first step of gathering (S10) downlink power information for each sector. When the total power required by the sectors is less than the total power available from the base transceiver site, a next step includes modifying (S20) the information to pre-empt traffic loading such that a more heavily loaded sector will be disproportionately allocated more power than a less heavily loaded sector. A next step includes forwarding (S30, S40) the information to controllers of the base transceiver site. A next step includes determining a loading of each sector using thresholds to determine an overload in sectors depending on the information, wherein the power to each sector is adjusted disproportional to the degree with which the sector is loaded.